

M300 LMC Observing Status 2009

There are 68 CO clouds being mapped this year, numbered according to the NANTEN catalogue. They are listed in ascending order now. 215 maps have been scheduled (as of 14 Jun 2009).

Tables show which fields have been done, and which need to be done. Fields in **red** are probably not useful. Please update the page as you complete maps, noting down the Tsys in the 12CO window, and any other relevant comments. The RMS should be the noise per 32 kHz channel as given in rms.log, and the elevation and Tsys should be appropriate for the start of the map.

Use [the PtgLog page](#) to keep track of **Standards**, **Pointing Offsets** and **Beam Maps**. Our regular pointing source is **R Dor** for LMC observations, and our regular pointing schedule is **point8_zoom.sch**.

Also use [the PtgLog page](#) to keep track of time lost to bad weather, system faults etc.

Tony's complete observing notes are attached as a PDF file below.

Which fields should I observe?

- [LMC West fields](#)
- [LMC East fields](#)

LMC West fields below

NT4

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-18_2100-M300	760	0.56	39	Y	cloudy
2 V	2009-06-18_2218-M300	635	0.49	46	Y	partly cloudy
3 V	2009-06-22_2042-M300	680	0.51	39	Y	clear
4 V	2009-06-22_2210-M300	560	0.44	46	Y	clear
5 V	2009-06-24_2024-M300	580	0.46	38	Y	cloudy
6 V	2009-06-21_1722-M300	1400	1.04	21	Y	cloudy/wet
6 V	2009-06-24_2142-M300	630	0.48	44	Y	cloudy
7 V	2009-06-24_2300-M300	550	0.45	50	Y	overcast
8 H	2009-06-15_2203-M300	600	0.46	43	Y	clear
8 V	2009-06-25_2129-M300	560	0.43	44	Y	clear

NT6

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-27_0214-M300	1200	1.00	48	Y	cloudy/wet
1 V	2009-08-17_1912-M300	420	0.33	52	Y	clear, windy

NT9

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 H	2009-06-15_2321-M300	545	0.42	48	Y	clear
1 V	2009-06-21_2122-M300	1300	1.05	42	some small gap	cloudy/wet
1 V	2009-08-17_2030-M300	430	0.35	52	Y	clear

NT10

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-21_1847-M300	1060	0.85	31	Y	cloudy/wet
1 V	2009-09-28_1818-M300	503	0.41	52	Y	clear

NT14

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-21_2004-M300	1060	0.85	35	Y	cloudy/wet
1 V	2009-09-28_1935-M300	503	0.39	51	Y	clear

NT16

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-21_2240-M300	1200	1.02	49	Y	cloudy/wet
1 V	2009-08-18_1826-M300	445	0.35	46	Y	clear

NT17

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-23_2031-M300	600	0.63	38	N	lightning, rain, stow
1 V	2009-06-23_2230-M300	700	0.48	47	Y	restart after storm has passed
2 V	2009-06-25_2251-M300	540	0.43	49	Y	clear
3 V	2009-07-24_1750-M300	605	0.46	35	Y	clear
4 V	2009-07-20_1724-M300	680	0.52	31	Y	clear
5 V	2009-07-20_1840-M300	600	0.45	38	Y	clear
6 V	2009-07-24_1912-M300	530	0.41	43	Y	clear

NT21

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 H	2009-06-16_2130-M300	620	0.46	41	Y	clear

1 V	2009-06-27-2153-M300	830	2.13	46	Y	weather unstable
1 V	2009-08-18_1947-M300	440	0.34	52	Y	partly cloudy

NT22

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-27-2319-M300	1100	1.46	51		bad
1 V	2009-08-18_2104-M300	445	0.36	53	Y	partly cloudy

NT23

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 H	2009-06-16_2247-M300	550	0.43	48	Y	clear
1 V	2009-07-25_1722-M300	1200	0.73	32	Y	cloudy & windy
2 V	2009-07-25_1846-M300	880	0.63	40	Y	cloudy
3 H	2009-06-17_0005-M300	520	0.40	53	Y	light breeze
3 V	2009-07-26_1722-M300	670	0.49	33	Y	windy
4 V	2009-07-28_1734-M300	680	0.48	34	Y	light cloud
5 V	2009-07-28_1900-M300	600	0.42	43	Y	light cloud
6 V	2009-08-21_1825-M300	1200	0.80	47	Y	cloudy
6 V	2009-09-28_2052-M300	498	0.42	49	Y	partial map, clear
7 V	2009-08-21_1946-M300	900	0.64	53	Y	cloudy
8 V	2009-08-22_1815-M300	1200	0.68	48	Y	cloudy unstable Tsys, Tsys=2000 spike
8 V	2009-09-28_2130-M300	502	0.41	46	Y	partial map, clear
9 V	2009-08-22_1933-M300	1100	0.66	53	Y	cloudy

NT25

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Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-16_1816-M300	670	0.74	34	Y	clear, bad Tsys in last 1/3?
1 V	2009-09-29_1544-M300	484	0.43	45	Y	clear, partial map

NT27

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-16_1932-M300	580	0.46	41	Y	clear

NT28

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-17_1759-M300	650	0.51	34	Y	clear 100% humidity

NT35

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
2 V	2009-08-20_2037-M300	530	0.42	55	Y	clear
3 V						not observed? NT45_3V observed instead?
4 V	2009-08-23_1747-M300	900	0.62	46	Y	cloudy, unstable, Tsys spikes to 2200
4 V	2009-09-29_1805_M300	442	0.35	54	Y	clear
8 V	2009-08-23_1904-M300	659	0.54	51	Y	cloudy, unstable, Tsys spikes to 1000
9 V	2009-08-24_1903-M300	459	0.36	52	Y	windy - some drive errors
10V	2009-08-24_2105-M300	440	0.52	55	N (15/66)	Windstow from scan 15
10V	2009-08-24_2159-M300	464	0.52	53	N (41/66)	Windstow from scan 41
10V	2009-08-25_2348-M300	469	0.42	46	Y	part file, from scan 30 (to complete above)
14V	2009-08-24_2252-M300	449	0.54		N (40/66)	Windstow from scan 40
14V	2009-08-26_2335-M300	451	0.39	46	Y	part file, from scan 30 (to complete above)
15V	2009-08-28_2122-	1500	0.99	54	Y	bad weather.. repeat

	M300					
15V	2009-09-08_2205-M300	521	0.43	49	N (28/66)	stopped at Scan #28
15V	2009-09-09_2152-M300	473	0.39	50	Y	part file, from scan 25 (to complete above)
16V	2009-08-30_1738-M300	470	0.37	46	Y	fine
17V	2009-08-30_1856-M300	447	0.35	53	Y	fine
19V	2009-09-10_2207-M300	468	0.39	49	N (29/66)	stopped after Scan #29
19V	2009-09-11_2156-M300	476	0.42	49	Y	part file, from scan 27 (to complete above)
20V	2009-09-12_2208-M300	488	0.43	48	N (31/66)	clear; stopped at scan #31
20V	(Annie said to ignore)					partial map
21V	2009-09-14_1600-M300	640	0.52	45	Y	clear, warm
22V	2009-09-14_1719-M300	600	0.52	51	Y	warm, some clouds around subscan 5
23V	2009-09-16_1621-M300	610	0.46	46	Y	warm, clear
24V	2009-09-16_1746-M300	580	0.47	54	Y	warm, clear, wind
25V	2009-09-16_1908-M300	570	0.46	55	Y	warm, clear, wind
28H	2009-09-21_1649-M300	850	0.80	49	Y	warm, heavy clouds till subscan 40
28H	2009-09-21_1816-M300	750	0.59	54	Y	warm, thin clouds
28H	2009-09-23_1607-M300	550	0.42	47	Y	almost clear
28V	2009-08-29_1814-M300	1100	??	49	N (44/66)	windy, cloudy, wind stow from scan 44
28V	2009-09-16_2030-M300	580	0.46	52	Y	warm, clear
28V	2009-09-17_1733-M300	>600	0.59	54	Y	warm, many clouds
29V	2009-09-17_1855-M300	>600	0.46	54	Y	warm, clouds till subscan 35

29V	2009-09-17_2012-M300	550	0.42	53	Y	warm, clear
30V	2009-09-18_1557-M300	460	0.37	45	Y	clear
34V	2009-09-18-1715-M300	450	0.37	50	Y	clear
35V	2009-09-18-1835-M300	440	0.35	54	Y	clear

NT39

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-17_1919-M300	570	0.43	41	Y	clear, humidity 100%

NT43

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 H	2009-06-17_2135-M300	602	0.47	43	Y	clear
1 V	2009-08-19_1755-M300	912	0.60	44	Y	

NT45

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-08-19_1911-M300	975	0.55	50	Y	partly cloudy
2 V	2009-08-19_2029-M300	590	0.45	53	Y	partly cloudy
3 V	2009-08-20_1919-M300	540	0.43	51	Y	clear
3 V	2009-08-20_1801-M300	575	0.46	48	Y	clear

NT46

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-18_1755-M300	620	0.45	32	Y	clear

NT48

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-18_1913-M300	557	0.43	39	Y	clear

NT49

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-19_1805-M300	580	0.45	33	Y	clear

2 V	2009-07-19_1922-M300	500	0.38	40	Y	clear
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NT50

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-09-07_1648-M300	553	0.43	45	Y	clear
2 V	2009-08-31_1738-M300	510	0.41	47	Y	clear
3 V	2009-09-01_1727-M300	500	0.39	46	Y	clear
4 V	2009-08-28_2003-M300	800	0.76	54	Y	cloudy after rain

NT67

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-08-25_1850-M300	460	0.37	49	Y	clear but windy

NT76

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-09-07_2043-M300	519	0.43	54	Y	
2 V	2009-09-08_1644-M300	549	0.41	44	Y	
3 V	2009-09-08_1922-M300	494	0.39	54	Y	
4 V	2009-09-09_1626-M300	550	0.41	42	Y	

NT77

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-08-25_1733-M300	500	0.37	42	Y	clear

[NT82 & 87](#)

Please take extra care when observing this region, as the potential for observer confusion is high!

The schedule files are located in 2009/M300/LMC/horiz. They use a different naming convention (m172_xxx_v.sch) because we started observing this region under project ID M172 in 2007.

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
832H	2009-09-27_1950-M300	459	0.38	52	Y	clear but windy
833H	2009-09-28_1425-M300	610	0.45	38	Y	clear
834H	2009-09-29_1922-M300	449	0.38	52	Y	clear
877H	2009-09-28_1540-M300	554	0.42	44	Y	clear
878H	2009-09-28_1657-M300	513	0.41	49	Y	clear
879H	2009-09-29_2040-M300	465	0.37	49	Y	clear

NT86

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-08-27_1901-M300	470	0.38	47	Y	clear, some wind. Pol B at 113.1 GHz looks a bit funny.

NT89

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-08-27_1744-M300	485	0.37	45	Y	clear, some wind. Pol B at 113.1 GHz looks a bit funny.

NT97

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-27_1829-M300	580	0.43	37	Y	windy, LMC still rising

NT99R?

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-29_1803-M300	650	0.52	35	Y	a few clouds
2 V	2009-07-29_1920-M300	630	0.50	41	Y	clear

NT114 (Class III)

Please take extra care when observing this region, as the potential for observer confusion is high!
The schedule files are located in 2009/M300/LMC/vert_west. They use a different naming convention (m172_xxx_v.sch) because we started observing this region under project ID M172 in 2007.

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
198V	2009-06-19_2307-M300	611	0.48	48	Y	light cloud
199V	2009-06-20_0025-M300	580	0.46	53	Y	clear
243V	2009-06-20_2322-M300	1200	0.96	51	Y	thick cloud
243V	2009-09-20_1804-M300	540	0.45	52	Y	warm, one thin cloud at the very end of the map
244V	2009-06-21_0041-M300	700	0.92	53	Y	thick cloud
244V	2009-09-29_1411-	551	0.42	36	Y	clear

	M300						
288V	2009-09-19_1913-M300	600	0.48	57	Y		clear, warm
289V	2009-09-20_2053-M300	680	0.53	51	N (53/66)		warm, thin clouds, stopped after subscan 53 (total 66)
289V	2009-09-29_1527-M300	488	0.52	43	Y		clear, partial map
290V	2009-09-23_1727-M300	500	0.39	51	Y		clear
331V	2009-09-24_1343-M300	630	0.47	31	Y		clear
334V	2009-09-24_1500-M300	544	0.43	39	Y		clear
378V	2009-09-24_1618-M300	506	0.39	45	Y		clear
379V	2009-09-24_1735-M300	481	0.37	51	Y		clear
421V	2009-09-24_1858-M300	471	0.37	53	Y		clear
422V	2009-09-24_2013-M300	467	0.40	52	Y		clear
423V	2009-09-25_1403-M300	707	0.51	34	Y		cloudy and windy
424V	2009-09-25_1523-M300	568	0.47	42	N (33/66)		windy then wind-stow 🤨
424V_part	2009-09-27_2105-300	483	0.40	49	Y		clear
467V	2009-09-25_1628-M300	537	0.45	46	Y		patchy cloud, thinning
333V	(low priority)						
335V	(low priority)						
468V	2009-09-29_1648-M300	456	0.37	49	Y		clear

LMC East Fields below

NT100

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-18_2335-M300	700	0.50	50	Y	partly cloudy

NT115

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-19_0053-M300	611	0.53	55	Y	cloudy
2 V	2009-06-19_0210-M300	564	0.49	55	Y	cloudy

NT119

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-20_0142-M300	570	0.48	55	Y	light cloud

NT121

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-21_0158-M300	700	1.22	54	Y	thick cloud, don't use
1 V	2009-08-17_2147-M300	425	0.32	53	Y	clear

NT123

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-21_2358-M300	760	0.72	48	Y	cloudy
1 V	2009-08-17_2302-M300	460	0.37	53	Y	clear

NT126

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-22_2329-M300	530	0.42	50	Y	clear

NT127

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 H	2009-06-17_2254-M300	590	0.45	45	Y	clear
1 V	2009-06-23_0044-M300	520	0.41	50	Y	partly cloudy

NT131

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 H	2009-06-18_0012-M300	560	0.44	48	Y	light cloud
1 V	2009-06-22_0116-M300	620	0.51	49	Y	cloudy

NT131N?

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Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 H	2009-08-31_2016-M300	497	0.42	49	Y	clear
1 V	(low priority)					

NT135

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-23_0202-M300	510	0.40	54	Y	partly cloudy
2 V	2009-06-23_2352-M300	520	0.41	52	Y	clear
4 V	2009-06-24_0109-M300	490	0.39	55	N (49/66)	clear, Rx error @ scan 49
4 V	(Annie said to ignore)					partial map
5 V	2009-06-25_0018-M300	520	0.40	54	Y	overcast
7 V	2009-06-25_0140-M300	520	0.44	55	Y	overcast
8 V	2009-06-26_0007-M300	540	0.42	53	Y	cloudy
9 V	2009-06-26_0125-M300	550	0.45	55	Y	cloudy
10V	2009-08-19_2147-M300	555	0.44	55	Y	partly cloudy
11V	2009-08-19_2305-M300	585	0.45	51	Y	clear
12V	2009-08-20_2154-M300	540	0.41	55	Y	partly cloudy

NT145

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-28_0044-M300	780	1.11	50	Y	some clouds Tsys jumped to 1200 in the last half of the map
1 V	2009-09-09_1903-M300	498	0.39	49	Y	clear

NT147

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-06-28_0208-M300	910	0.94	49	stopped at scan ~30	Cloudy
1 V	2009-08-18_2224-M300	480	0.35	49	Y	partly cloudy
2 V	2009-08-18_2344-M300	510	0.38	46	Y	partly cloudy
3 V	2009-08-20_2335-M300	650	0.49	46	Y	cloudy, Tsys rose to 900 in the final 1/3 of the track

4 V	2009-08-21_0053-M300	950	0.70	42	Y	cloudy
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NT153

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-16_2050-M300	560	0.42	43	Y	clear
2 V	2009-08-21_2104-M300	800	0.65	50	Y	cloudy, Tsys rose to 1050

NT155

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-08-21_2222-M300	850	0.60	50	Y	cloudy
2 V	2009-08-21_2359-M300	800	0.59	48	Y	cloudy
2 V	2009-08-22_2057-M300	??	??	??	??	discovered on disk?
3 V	2009-08-22_2211-M300	760	0.56	50	Y	cloudy
4 V	2009-08-23_0002-M300	1000	0.75	47	Y	partly cloudy, Tsys spike of 1800
5 V	2009-08-23_2022-M300	850	0.64	53	Y	cloudy, Tsys rose to 2000 at end
6 V	2009-08-23_2137-M300	910	0.61	54	Y	cloudy

NT156

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-08-23_2318-M300	830	0.63	47	Y	partly cloudy
2 V	2009-08-29_2231-M300	475	0.37	46	Y	after bad weather - pointing could be a little dodgy.
3 V	2009-08-30_2015-M300	464	0.37	50	Y	fine
4 V	2009-08-30_2135-M300	465	0.40	50	Y	fine

NT159

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Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-19_2035-M300	470	0.36	44	Y	clear

NT161

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 H	2009-06-18_0130-M300	525	0.43	54	Y	light cloud
1 V	2009-08-30_2323-M300	482	0.39	48	N (35/66)	clear - Aborted at scan ~35
1 V	2009-08-31_2324-M300	507	0.40	47	Y	clear - part file, started from scan 30

NT168

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-09-07_1925-M300	516	0.42	52	Y	clear
2 V	2009-09-08_1804-M300	520	0.42	48	Y	clear
3 V	2009-09-08_2042-M300	492	0.38	53	Y	clear
4 V	2009-09-09_1745-M300	505	0.39	47	Y	clear

NT170

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-17_2156-M300	520	0.39	51	Y	clear

NT172

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-17_2037-M300	550	0.42	44	Y	clear 96% humidity

NT173

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-08-26_1738-M300	510	0.40	41	Y	clear
2 V	2009-08-26_1857-M300	480	0.37	46	Y	clear
3 V	2009-08-26_2016-M300	457	0.36	49	Y	clear
4 V	2009-08-26_2144-M300	443	0.36	50	Y	clear

NT179

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Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-19_2148-M300	440	0.35	51	Y	clear

NT185

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-08-27_2337-M300	478	0.4	36	Y	clear

NT195

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-09-09_2026-M300	490	0.37	50	Y	clear
2 V	2009-09-10_1644-M300	511	0.38	40	Y	clear
3 V	2009-09-10_1804-M300	474	0.36	45	Y	clear
4 V	2009-09-11_1636-M300	504	0.39	39	Y	clear

NT196

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-08-27_2020-M300	466	0.38	56	Y	clear
2 V	2009-08-31_1855-M300	520	0.41	46	Y	clear
2 V	2009-08-27_2142	??	??	??	??	discovered on disk

NT200

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 H	2009-06-16_0048-M300	520	0.42	51	Y	clear
1 V	2009-09-01_2003-M300	480	0.38	52	Y	clear
2 H	2009-06-16_0212-M300	500	0.39	52	Y	clear
2 V	2009-09-01_2124-M300	471	0.38	52	Y	clear

NT204

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 H	2009-06-16_0329-M300	500	0.39	50	Y	clear
1 ?	2009-09-01_2318-M300	?	?	?	N	discovered on disk
1 V	2009-08-28_0101-M300	522	0.44	40	N (37/66)	sched terminated at acan 37 - clear

1 V	2009-09-29_1605-M300	476	0.38	45	Y	clear, partial map
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NT205

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-09-10_1922-M300	458	0.37	49	Y	clear
2 V	2009-09-10_2042-M300	462	0.38	49	Y	clear
3 V	2009-09-11_1757-M300	478	0.38	46	Y	clear
4 V	2009-09-11_1916-M300	473	0.38	49	Y	clear
5 V	2009-09-12_1647-M300	509	0.38	40	Y	clear
6 V						not observed? NT220_6V observed instead?

NT207

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 H	2009-06-18_0244-M300	534	0.41	51	Y	clear

NT207E?

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-09-07_1805-M300	560	0.43	45	Y	Clear

NT215

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-08-31_2133-M300	496	0.41	50	Y	clear

NT216

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-09-14_1837-M300	700	0.52	50	Y	few clouds, bumpy Tsys
1 V	2009-09-14_2002-M300	650	0.48	52	N	stopped at scan 26 - loaded wrong schedule

2 V	2009-09-14_2032-M300	600	0.49	52	Y	fine, warm
3 V	2009-09-18_1955-M300	450	0.36	52	Y	clear
4 V	2009-09-19_1621-M300	650	0.50	41	Y	clear, warm
5 V	2009-09-19_1749-M300	600	0.48	47	Y	clear, warm
6 V	2009-09-19_2032-M300	610	0.78	50	N	clear, warm, stopped after a few subscans, attenuators
6 V	2009-09-19_2040-M300	610	0.51	50	Y	clear, warm
7 V	2009-09-20_1615-M300	580	0.45	42	Y	clear, warm
8 V	2009-09-20_1922-M300	620	0.52	52	Y	warm, thin clouds
9 V	2009-09-23_1902-M300	480	0.43	51	N (28/66)	clear, stopped at subscan 28, wind gust
9 V	2009-09-23_2001-M300	480	0.39	52	Y	clear

NT216NW?

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 H	2009-06-17_0123-M300	470	0.40	52	Y	patchy cloud, sudden Tsys change
1 V	2009-07-18_2031-M300	523	0.39	42	Y	clear
2 H	2009-06-17_0243-M300	574	0.47	52	Y	partly cloudy
2 V	2009-07-18_2152-M300	491	0.38	47	Y	clear

NT220

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
2 V	2009-09-25_1745-M300	539	0.43	48	Y	clear ?
3 V	2009-09-25_1910-M300	541	0.44	51	Y	dusty

4 V	2009-09-25_2030-M300	543	0.42	51	Y	dusty and windy
5 V	2009-09-26_1337-M300	903	0.53	29	Y	patchy cloud, high Tsys for first half
5 V	2009-09-26_2131-M300	542	0.47	48	N (28/66)	patchy cloud; repeat scan but stopped at scan 28
6 V	2009-09-26_1457-M300	643	0.48	36	Y	patchy cloud
6 V	2009-09-12_1806-M300	475	0.38	46	Y	clear
7 V	2009-09-26_1616-M300	566	0.40	43	Y	clear
8 V	2009-09-26_1735-M300	486	0.39	48	Y	clear

NT221

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-08-25_2201-M300	429	0.35		Y	a bit o' wind

NT222

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-08-25_2042-M300	444	0.36	49	Y	windy

NT223

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-07-20_1954-M300	600	0.45	40	Y	clear
2 V	2009-07-20_2117-M300	560	0.44	46	Y	clear

NT226

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-09-11_2038-M300	457	0.37	51	Y	clear
2 V	2009-09-12_1925-M300	457	0.39	50	Y	clear
3 V	2009-09-12_2045-M300	464	0.37	52	Y	clear
4 V	2009-09-13_1606-M300	622	0.45	48	Y	clear

NT226a

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
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1 V	2009-09-01_1844-M300	500	0.39	46	Y	clear
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NT227

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-09-13_1724-M300	555	0.43	44	Y	clear
2 V	2009-09-13_1843-M300	519	0.41	49	Y	clear
3 V	2009-09-13_2003-M300	525	0.42	51	Y	clear
4 V	2009-09-13_2127-M300	533	0.44	51	Y	clear

NT230

Field Name	Correlator File	Tsys	RMS	Elev	Complete?	Weather
1 V	2009-09-26_1901-M300	481	0.42	53	Y	dawn, patchy cloud
2 V	2009-09-26_2016-M300	524	0.46	52	Y	patchy cloud
3 V	2009-09-27_1712-M300	469	0.37	48	Y	clear but windy
4 V	2009-09-27_1828-M300	469	0.42	52	Y	clear but windy

-- [TonyWong](#) - 27 Sep 2009

- [obsnotes.pdf](#): Tony's Observing Notes 27 Jul 2009

I	Attachment	Action	Size	Date	Who	Comment
	obsnotes.pdf	manage	57.5 K	10 Aug 2009 - 22:59	TonyWong	Tony's Observing Notes 27 Jul 2009

This topic: MopraLmc > [WebHome](#) > LmcLog09

Topic revision: r147 - 03 Dec 2009 - 09:54:49 - [AnnieHughes](#)

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